

Message Text

SECRET

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12
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TO SECSTATE WASHDC 2191
INFO AMCONSUL HONG KONG
USLO PEKING
CINCPAC
DIVF WASHDC
CHMAAG TAIPEI
COMUSTDC TAIPEI

S E C R E T TAIPEI 4052

E.O. 11652: GDS
TAGS: ETRD, MILI, TW
SUBJECT: ROC INTEREST IN DEVELOPING MEDIUM RANGE SURFACE-
TO SURFACE MISSILE

CINCPAC FOR POLAD

REF: STATE 114452

1. SUMMARY: THERE ARE SEVERAL INDICATIONS OF ROC INTEREST IN DEVELOPING CAPABILITY TO BUILD BOTH SHORT RANGE TACTICAL ROCKETS AND LONGER RANGE MISSILES. WE UNDERSTAND THAT VERY LITTLE OF TECHNOLOGY INVOLVED IN ONE IS READILY ADAPTABLE TO THE OTHER. ROC INTEREST IN INERTIAL NAVIGATION SYSTEM MAY ALSO BE RELATED TO INTEREST IN ACQUIRING AIRBORNE ELINT CAPABILITY. END SUMMARY.

2. CHUNG SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY AND MND APPEAR TO BE ACTIVELY INTERESTED IN DEVELOPING A ROCKET MANUFACTURING AND TEST CAPABILITY. INDICATIONS

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OF THIS INTEREST, WHICH MAY NOT BE RELATED TO

THEIR REPORTED INTEREST IN DEVELOPING A MEDIUM RANGE SURFACE-TO-SURFACE MISSILE, ARE CITED BELOW.

A. IN MAY 1974 CHUNG SHAN OFFICIALS DISCUSSED WITH RCA REPRESENTATIVE POSSIBLE PURCHASE OF AN/TPQ-39(V) DIGITAL INSTRUMENTATION RADAR, AND A LASER TRACKER MODIFICATION, FOR ESTABLISHMENT OF AN OVER-WATER MISSILE TEST RANGE. CHUNG SHAN OFFICIALS DISCUSSED LOW ANGLE SURFACE-TO-SURFACE AS WELL AS HARPOON-TYPE TRAJECTORIES, FOR WHICH RCA EQUIPMENT WOULD HAVE MAXIMUM RANGE OF ABOUT 60NM OVER WATER. (EQUIPMENT IS RATED AT MAXIMUM "UNAMBIGUOUS RANGE" OF 125NM.) RCA REP NOTED ON DISPLAY IN CHUNG SHAN CONFERENCE ROOM SEVERAL FIVE INCH ROCKETS AND ONE LARGER MISSILE WITH AN ELEVEN INCH CYLINDRICAL BASE AND A SMALLER DIAMETER FORWARD SECTION RESEMBLING A TWO-STAGE ROCKET CONFIGURATION.

B. WHATEVER ITS FOLLOW-ON PLANS, CHUNG SHAN IS CURRENTLY CONCENTRATING ON DEVELOPMENT OF A SHORT RANGE (APPROXIMATELY 10,000 YDS) TACTICAL ROCKET. ROUGHLY FIVE INCHES IN DIAMETER, THIS ROCKET IS DESIGNED TO BE FIRED FROM LAUNCHER BANKS ON A MOBILE PLATFORM. ALTHOUGH CHUNG SHAN HAS FIRED PROTOTYPES, PROBABLY AS EARLY AS TWO YEARS AGO, WE BELIEVE THAT THE ROCKET IS STILL DEVELOPMENTAL AND HAS NOT BEEN PUT INTO PRODUCTION.

C. IN MAY 1974 THE US AND ROC SIGNED A DATA EXCHANGE AGREEMENT ANNEX ON SOLID EXTRUDED PROPELLANTS FOR ROCKETS UP TO FIVE INCHES IN DIAMETER. UNDER THIS ANNEX, THE ROC WILL BE ABLE TO OBTAIN, SUBJECT TO FOREIGN DISCLOSURE REGULATIONS, RESEARCH AND DEVELOPMENT INFORMATION UP THROUGH CONFIDENTIAL CLASSIFICATION.

D. MAAG OFFICERS WERE RECENTLY ADVISED INFORMALLY THAT CHUNG SHAN IS PLANNING TO REQUEST A DATA EXCHANGE ANNEX TO ENABLE THEM TO DEVELOP A TELEMETRY ANTENNA TO AUTOMATICALLY TRACK A FLYING TARGET. SUCH EQUIPMENT IS READILY AVAILABLE FROM A NUMBER OF MANUFACTURERS.

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3. COMMENT: A. CHUNG SHAN OFFICIALS PROBABLY SEE HARDWARE, TECHNIQUES AND INFORMATION INVOLVED IN ABOVE CASES AS ADDING TO THEIR GENERAL BASE FOR FURTHER RESEARCH AND DEVELOPMENT. UNDOUBTEDLY SOME OF THEM ARE THINKING IN TERMS OF R AND D ON MEDIUM RANGE MISSILES. IT IS OUR UNDERSTANDING THAT VERY LITTLE OF THE TECHNOLOGY INVOLVED IN SHORT RANGE TACTICAL ROCKETS AND IN LONGER RANGE MISSILES IS READILY ADAPTABLE TO THE OTHER.

B. ROC INTEREST IN INTERTIAL NAVIGATION SYSTEM MAY BE RELATED TO THEIR INTEREST IN ACQUIRING AN AIRBORNE ELINT CAPABILITY (TAIPEI 4051), AS WELL AS TO THEIR REPORTED INTEREST IN DEVELOPMENT OF A MEDIUM RANGE MISSILE.

C. ADDITIONAL INFORMATION TRANSMITTED SEPTTEL, DEPARTMENT ONLY, UNGER

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NNN

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